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**United States Patent** [19]  
**Johnson**[11] **Patent Number:** **5,637,310**  
[45] **Date of Patent:** **\*Jun. 10, 1997**[54] **METHOD OF TREATING PROSTATIC  
ADENOCARCINOMA**5,032,586 7/1991 Holt et al. .... 514/177  
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5,137,882 8/1992 Holt et al. .... 514/182[75] **Inventor:** **Randall K. Johnson**, Ardmore, Pa.[73] **Assignee:** **SmithKline Beecham Corporation**,  
King of Prussia, Pa.[\*] **Notice:** The term of this patent shall not extend  
beyond the expiration date of Pat. No.  
5,300,294.[21] **Appl. No.:** **452,765**[22] **Filed:** **May 30, 1995****Related U.S. Application Data**[63] Continuation of Ser. No. 170,481, Dec. 20, 1993, Pat. No.  
5,496,556.[51] **Int. Cl.<sup>6</sup>** ..... **A61F 2/02**; A61K 9/20;  
A61K 31/56; A61K 31/58[52] **U.S. Cl.** ..... **424/423**; 424/451; 424/456;  
424/464; 514/169; 514/172; 514/173; 514/177;  
514/178; 514/179; 514/180; 514/181; 514/182;  
514/319; 514/428; 514/462[58] **Field of Search** ..... 424/423, 451,  
424/456, 464; 514/169, 172, 173, 177,  
178, 179, 180, 181, 182, 319, 428, 462[56] **References Cited****U.S. PATENT DOCUMENTS**4,882,319 11/1989 Holt et al. .... 514/119  
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Academic Press, Inc, CH 8 V, pp. 269-304 (1984).**Primary Examiner**—Carlos Azpuru  
**Attorney, Agent, or Firm**—Wayne J. Dustman; Charles M.  
Kinzig; Edward T. Lentz[57] **ABSTRACT**Invented is a Method of Treating Prostatic Adenocarcinoma  
by employing asteroid 5- $\alpha$ -reductase inhibiting compound  
or a combination of steroid 5- $\alpha$ -reductase inhibiting com-  
pounds.**2 Claims, No Drawings**